**KHYBER MEDICAL UNIVERSITY**

**Masters of Health Research Course, Module 06 Schedule Batch 04**

**August 29, 16 to September 07, 2016**

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| **Opening DAY 1 (August 29, 2016)** | | | | | | | | |
| **Orientation** - **0830 – 0930 hrs** | | | | | | | | |
| Welcome  Orientation to the Session | | | | | | | | |
| **Session 1**  0830 –1100 | | Break  1100  -  1130 | **Session 2**  1130 – 1330 | | Break  1330  –  1400 | **Session 3**  1400 - 1630 | | |
| **DAY 1 Monday August 29** | | | | | | | | |
| Introduction to Health Economics. | Dr. Syed Basharat |  | The positive and normative foundations of health care financing, with specific reference to the discourse on universal health coverage and equity | Dr. Syed Basharat |  | Practical Exercises  set around specific case studies | | Dr. Syed Basharat |
| **DAY 2 Tuesday August 30** | | | | | | | | |
| Health care financing mechanisms:  Out-of-pocket systems, tax-based systems, and insurance systems | Dr. Syed Basharat |  | Features of health care financing arrangements:  resource collection and risk pooling, benefit package, provider contracting, and quality assurance | Dr. Syed Basharat |  | Practical Exercises  set around specific case studies | | Dr. Syed Basharat |
| **DAY 3 Wednesday August 31** | | | | | | | | |
| Health care financing in Pakistan: issues, challenges and opportunities | Dr. Fayaz Ahmad |  | The roles of the public and private sector in health care financing. | Dr. Fayaz Ahmad |  | Practical Exercises  set around specific case studies | | Dr. Fayaz Ahmad |
| **DAY 4 Thursday September 01** | | | | | | | | |
| Healthcare insurance: the demand and supply of insurance, moral hazard and adverse selection, limits of healthcare insurance markets & role of the State | Dr. Ayaz Ayub |  | Health insurance in Pakistan: issues, opportunities and the way forward | Dr. Ayaz Ayub |  | Practical Exercises  set around specific case studies | | Dr. Ayaz Ayub |
| **DAY 5 Friday September 02** | | | | | | | | |
| Cause and Effect Relationship | Dr. Ayaz Ayub |  | Hypothesis testing – statistical tests for demonstrating differences, associations and cause and effect relationships | Dr. Ayaz Ayub |  | SPSS Practical | | Dr. Ayaz Ayub |
| **DAY 6 Saturday September 03** | | | | | | | | |
| Parametric and non-parametric tests for comparisons | Dr. Ayaz Ayub |  | Correlations and regression | Dr. Ayaz Ayub |  | Sample size | | Dr. Ayaz Ayub |
| **DAY 7 Sunday September 04** | | | | | | | | |
| Sample Size | Dr. Ayaz Ayub |  | SPSS Practical | Dr. Ayaz Ayub |  | SPSS Practical | | Dr. Ayaz Ayub |
| **DAY 8 Monday September 05** | | | | | | | | |
| Thesis writing guidance | Dr. Ayaz Ayub  Pervez Akhtar |  | Thesis writing guidance  Pervez Akhtar | Dr. Ayaz Ayub  Pervez Akhtar |  | Thesis writing guidance | | Dr. Ayaz Ayub  Pervez Akhtar |
| **DAY 9 Tuesday September 06** | | | | | | | | |
| Thesis writing guidance | Pervez Akhtar |  | Thesis writing guidance | Pervez Akhtar |  | Thesis writing guidance | Pervez Akhtar | |
| **DAY 10 Wednesday September 07** | | | | | | | | |
| Appraisal of the course including feedback from the students | Dr. Zia Ul Haq  Dr. Asif Ali |  | **FINAL ASSESSMENT AND CONCLUDING SESSION** | | | | | |